# Untitled diff

**34 removals** — 48 lines

**55 additions** — 70 lines

## Left side (original)

```
1   2025-05-25
2   19:39
3   # Consonants
4   | Bilabial | Alveolar | Palatal | Velar | Glottal |
5   |----------|----------|---------|-------|---------|
6   | p, b     | t, d     |         | k, g  |         |
7   | m        | n        |         | ŋ     |         |
8   |          | s        | ʃ       |       | h       |
9   |          | ts       | tʃ      |       |         |
10  |          | l, ɾ     |         |       |         |
11  |          |          | j       | w     |         |
12
13  # Vowels
14  | Front | Central | Back |
15  |-------|---------|------|
16  | i     | ɨ, ə    | u, ɯ |
17  | e     |         | o    |
18  | a     |         |      |
19
20  # Syllable Structure
21  (C)(G)V(N)
22
23  ## Notes
24  - Glides: /j/, /w/ allowed after consonants.
25  - Codas: /n/, /ŋ/ only.
26  - No tones or pitch.
27  ## Phonological Rules
28
```

## Right side (modified)

```
1   ---
2   tags:
3     - developing
4   ---
5   2025-05-25
6   19:39
7   # Consonants
8   Consonant Inventory: p, b, t, d, k, g, m, n, ŋ, s, ʃ, h, ts, tʃ, l, ɾ, j, w, d͡z, ʙ
9
10  |                | Bilabial | Alveolar | Palatal | Velar | Glottal |
11  | -------------- | -------- | -------- | ------- | ----- | ------- |
12  | **Stops**      | p, b     | t, d     |         | k, g  |         |
13  | **Nasals**     | m        | n        |         | ŋ     |         |
14  | **Fricatives** |          | s        | ʃ       |       | h       |
15  | **Affricates** |          | ts       | tʃ, d͡z  |       |         |
16  | **Trill**      | **ʙ**    |          |         |       |         |
17  | **Liquids**    |          | l, ɾ     |         |       |         |
18  | **Glides**     |          |          | j       | w     |         |
19  - /ɾ/ is a flap "r" like in Japanese.
20  - /j/ and /w/ can combine with consonants as glides (e.g., _kya_, _gwe_).
21  # Vowels
22  Vowel Inventory: i, ɨ, ə, u, ɯ, e, o, a, ɜ, y
23
24  | Front | Central | Back |
25  | ----- | ------- | ---- |
26  | i     | ɨ, ə, ɜ | u, ɯ |
27  | e     | a       | o    |
28  | **y** |         |      |
29  # Syllable Structure
30  **(C)(G)V(N)**
31  - C = any consonant
32  - G = optional glide (/j/ or /w/)
33  - V = any vowel
34  - N = optional nasal coda (/n/ or /ŋ/)
35  ## Notes
36  - Glides: /j/, /w/ **allowed** after consonants**.
37  - Codas: /n/, /ŋ/ only.
38  - No tones or pitch.
39  # Phonological Rules
40  - /s/ → [ʃ] before /i/[^1]
```

### Rule 1: Palatalization
/s/ → [ʃ] before /i/[^1]
**Example**: /sina/ → [ʃina]

### Rule 2: Liquid Alternation
/ɾ/ → [l] between vowels (free variation)[^2]
**Example**: /aɾa/ → [ala] or [aɾa]

        - /si.na/ → [ʃi.na]
            - sina → shina
        - /si.po/ → [ʃi.po]
            - sipo → shipo
- /ɾ/ → [l] between vowels (free variation)[^2]
        - /a.ɾa/ ↔ [a.la]
            - ala/ara
        - /o.re.mi/ ↔ [o.le.mi]
            - oremi/olemi
- /u/ → [ɯ] in closed syllables[^3]
        - /tuk/ → [tɯk]
            - tuk → tûk
        - /mun.tɨ/ → [mɯn.tɨ]
            - muntɨ → mûntɨ
- /b/ → [ʙ] / V_V[^4]
        - /a.ba.na/ → [a.ʙa.na]
            - abana → abhana
- /tʃ/ → [d͡ʑ] / _ V[+front] [^5]
        - /tʃi.sa/ → [d͡ʑi.sa]
            - chisa → djisa

### Rule 3: Back Vowel Allophony
/u/ → [ɯ] in closed syllables[^3]
**Examples**:
- /tuk/ → [tɯk]
- /muntɨ/ → [mɯntɨ]

[^1]: This means when /s/ comes directly before /i/, it's pronounced as [ʃ].

[^2]: Either sound is acceptable between vowels; speaker choice or dialectal, meant to add some natural variation

[^3]: When /u/ ends a syllable that also ends in a consonant, it's changed to [ɯ].

[^1]: This means when /s/ comes directly before /i/, it's pronounced as [ʃ].

[^2]: Either sound is acceptable between vowels; speaker choice or dialectal, meant to add some natural variation

[^3]: When /u/ ends a syllable that also ends in a consonant, it's changed to [ɯ].

[^4]: Between vowels, /b/ surfaces as a **bilabial trill [ʙ]**

[^5]: Before front vowels **/i, ɨ, y, e/**, /d͡ʑ/ is voiced instead of tʃ.